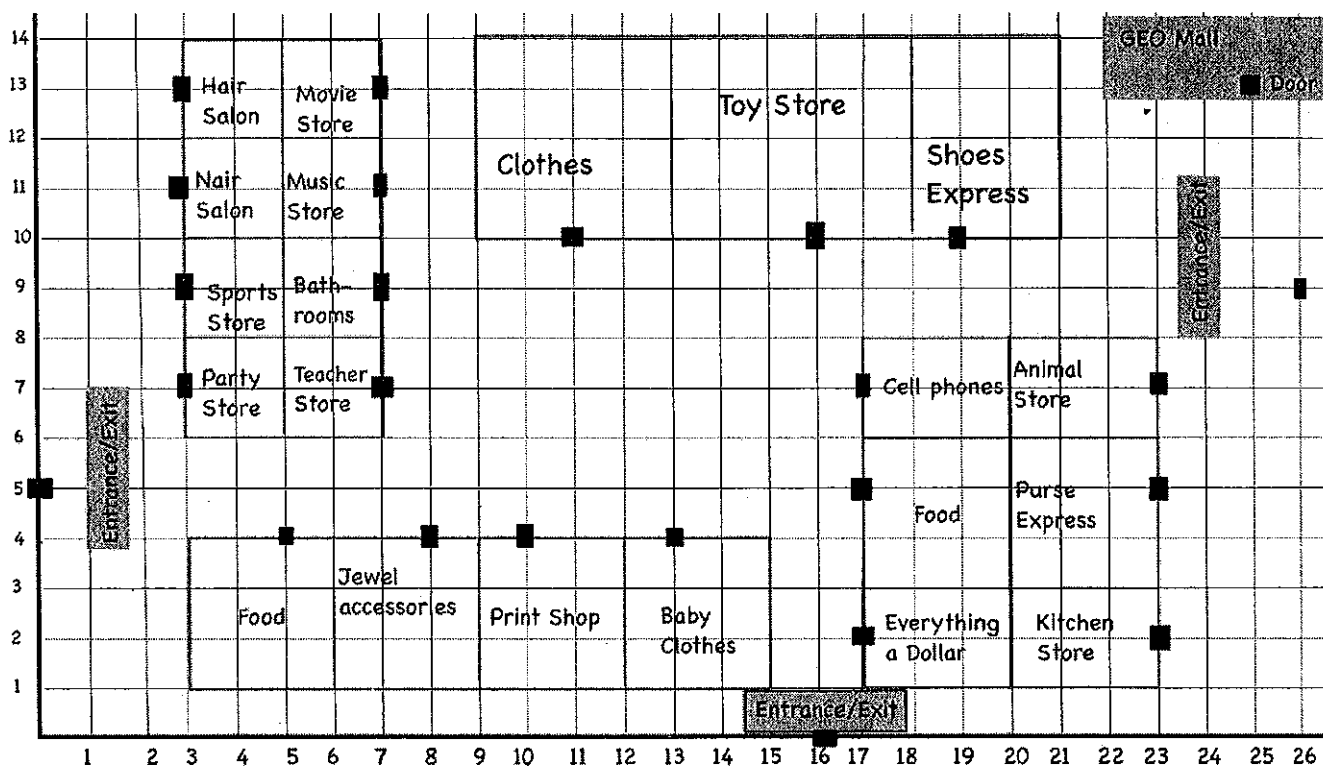
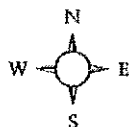


Name _____

WWP #3

Distance and Midpoint Assessment:

Use the mall layout to answer the following questions. Use the given grid to find order pairs that can be used to show all computations that led you to your solutions. Appropriate formulas must be used as part of mathematical computations. The black dots represent doorways



1. Select a store of your choice. Calculate how far that store is from each entrance. Explain which entrance you would use to enter the mall and why.

2. Creating a route:

a. Your total distance traveled from an entrance, to three stores and to an exit while at the mall was between 20 and 65 units. Create a route using lines, which could include diagonal, vertical or horizontal lines. Keep in mind you cannot cut through stores to get to another store. The total distance does not include shopping within the store.

a.) Distance from entrance to store one: _____
Coordinates entrance (,); store 1 (,)

b.) Distance from store one to store two: _____
Coordinates store 1 (,); store 2 (,)

c.) Distance from store two to store three: _____
Coordinates store 2 (,); store 3 (,)

d.) Distance from store three to exit: _____
Coordinates store 3 (,); exit (,)

e.) Total distance: _____

3. What is the midpoint from two of the stores that you visited?

4. Draw your route on the mall layout above.